

**ABSTRACT OF THE DISCLOSURE**

An image processing apparatus provided with an object region extracting means that detects an amount of radiation energy transmitted through an object and extracts an object region on which an object is radiographed for a radiation image corresponding to the amount of the detection and with a contour recognizing means that recognizes a contour based on the object region extracted by the object region extracting means, wherein the contour recognizing means extracts a feature amount.

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